

IN THE CLAIMS

Delete claims 1-17.

Add the following claim:

18. Apparatus for removing biofilm and debris from waterlines comprising

a source of gas under pressure;

a source of an aqueous cleaning solution including one or more surfactants and solid particles;

means for delivering said gas to said waterlines and means for introducing that quantity of said cleaning solution to said waterlines in a ratio so as to form a turbulent two-phase flow of gas and liquid having a velocity sufficient to loosen the biofilm and debris from said waterlines and flush them away.